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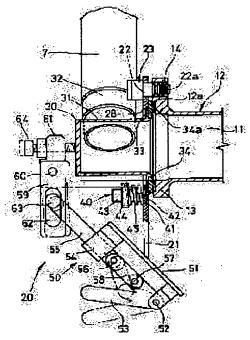
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(54) EXHAUST PIPE CONNECTOR FOR TEST EQUIPMENT OF INTERNAL COMBUSTION ENGINE

(57)Abstract:

PURPOSE: To couple a hose surely with a test equipment using no coupling bolt through a simple operation without requiring any tool and without causing any gap.

CONSTITUTION: An adapter 20 is brought close to an exhaust section 12 in a state where a board 21 is spaced apart from a sealing plate 34 and a movable pin body 24 is shifted to a nonoperating position. A pin body 22 is fitted in a hole part 14 and the sealing plate 34 is abutted against the exhaust section 12t thus communicating an exhaust pipe 30 with the exhaust section 12. Subsequently, the movable pin body is shifted to an operating position through the cam clamp action of a second operating unit and brought into contact with the inner circumferential surface at the hole part 14. The board 21 is shifted to the opposite side through the reaction of the abutting force and the outer circumferential surface of each pin body 22 is abutted on the inner circumferential surface at each hole part 14



thus securing the board 21 to the exhaust section 12 by the abutting forces at a plurality of points. The sealing plate 34 is separated from the board 21 through the toggle action at a first operating unit 50 and brought into tight contact with the exhaust section 12.

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